



NITFS Compliance Registration



Product: CIP v7.2a with AIP Imagery

Sponsor: USAF CIP Program Office

Developer: Northrop Grumman Corporation

Date: 09 March 2010

Expiration: 08 March 2012

Registration #: 1040

☐ Initial Registration
☒ Supplemental/Update #29
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

NITFS Features Implemented:

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- ☒ NITF
☐ 2.1
☐ 2.0
☐ 1.1
☐ NSIF
☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression

- ☒ No compression
☒ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☒ PRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ ITXFIL
☒ EGPTB
☒ CHIPB
☒ SDEs

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	0th
Interpret							
Generate							

Configurations Tested:

2 Servers (A&B); Compaq ES45, 1250 MHz*4CPUs and
Tru64 UNIX@V5.1B

Interpret
Generate
Legend
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.